



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

An Alphabetical TABLE Of the chief things contained in this Fifth Volume for

A. 1670 The first figure relates to the Number of Tracts, the Second to the Page.

But Note, that from the Page 1197. Numb. 58, and again from the Page 2107. Num. 65. The Numbers of Pages are misprinted: The Index refers to the Pages as they are Printed: And the Number of Tracts will secure the Directions.



A.

GRICULTURE. The Spanish Sembrador, or New Engine for Plowing, equal Sowing and harrowing at once, with the Description, Uses, &c. N.

60. p. 1055.

Air: the same Quantity may change its Dimensions to an almost incredible degree. How both Cartesians and Epicureans are concerned in this matter. 67. 2052.

2053.

A piece of yellow Amber so soft as to receive the impression of a Seal, and strengthened, 64. 2061. See more 65. 2028.

Anatomical Observations of the Virginal Channel inserted in the Spleen. The Lacteous vessels apparent in a drowned Body, and two odd Births, by Signior Jacomo Grandi, 48. 1188. A fuller Discovery of the vessels which convey the Chyle to the Breasts of nursing women, and that there is a suspicion of another passage of the Urine to the Bladder, than by the Ureters, 65. 2083. and 67. 2040. and Laurence Bellini his undertakings in Anatomy, offer'd to the G. Duke of Toscany, 65. 2093. See Monsters.

Astronomy: Mr. Mercator's considerations concerning the Geometricick and direct method of Signior Cassini for finding the Apogees, Excentricities and Anomalies of the Planets, 57. 1168. A new Star appearing in the Swan, Aug 17. 1670. and the present Appearance of the Planet Saturn, observed by M Hevelius, and others, 65. 2087. and 66. 2023. The Moons Eclipse Sept. 19. 1670. the Conjunction of Venus and the Moon Oct. 2. 1670. with remarks on the new Star in the Beak of the Swan, and on the other in the Neck of the Whale, M. Hevelius, &c. 66. 2023. &c. Mr Flamsteads Pre-advertisements of the Moons motions this following Year, 66. 2029.

B.

Concerning the Bathes in Austria and Hungary, by Dr. Edward Brown, 59. 1142.

Bees or insects of the Bee-kind, how generated by Bees in Willows, 65. 2089. and 2100.

Books of Note abbreviated. Joh. Amerpoel Cartesius Mosaijans 59. 1053.

Anonymous. The Divine History of the Genesis of the world explicated, and illustrated. 60. 1083.

Fr. Bayle de Causis fluxus Menstrui Mulierum; & de Sympathia Variarum Corporis partium cum Utero; & de utro lactis ad Tabidos resificendos, &c. 64. 2074. His vindication of Des-Cartes, with Fourneilis on the same annexed and Englished. 62. 2034.

Lud. de Beaufort Cosmopœia divina. 59. 1052.

Mr. Boyles Introduction to the History of particular Qualities: Of Cosmical Qualities and Suspicions. The Temperature of the Subterraneal and Submarine Regions: The Bottom of the Seas 63. 2057. His Origo Formarum & Qualitatum Latinè reddita, 66. 2034. His Discovery of the Admirable Rarefaction of the Air even without Heat: New Observations about the Duration of the Spring of the Air: New Experiments touching the Condensation of the Air by meer Cold; and its compression without Mechanical Engins: and the Admirably differing Extension of the same Quantity of Air Rarified and Compressed, 67. 2052.

Fr. Jos Burri Epistole duas ad Thom. Bartholinum de Cerebro; & de modo sanandi oculos 64. 2081.

Pietro Carina Congettura Physico-Astronomiche della natura del Universo, 65. 2012.

William Clark of Nitre, the Nature, Generation, Place, Artificial Extraction, Virtues and Uses of it. 61. 2008.

Joh.

I N D E X.

Joh. Sig. Elpholtii Clysmatica nova, sive Ratiō in Venam ſectam medicamenta infundendi. 58. 1200.

Hon. Fabri Synopsis Geometrica cum tribus opusculis. 66. 2055. His Dialogui Physici, de Lumine; vi Percussionis; Liquoris Elevatione per Canaliculum, & Variis Selectis 67. 2057. His Physica, in 10. Tractus distributa. 68.

Joh. Lud. Gansii Coralliorum Historia 58. 1202.

Ægid. Fr. de Gottignies Elementa Geometriae planæ. 66. 2054.

Hermannii Grube de modo Simpliciorum medicamentorum facultates cognoscendi. 60. 1085.

Joh. Bapt. du Hamel de Corporum Affectiōnibus, tum manifestis, tum occultis, lib. duo; ſive promota per Experimenta Philosophiae Specimen. 65. 2105.

Joh. Dan. Majoris de Lacte Lunæ, Differatio Medica. 60. 1086.

Alex. Marchetti Exercitationes Mechanicæ. 60. 2008.

Miscellanea Medico-Physica Academiz Germanicæ. 68.

Ant. Molinetti Dissertationes Anatomicæ & Pathologicæ de Sensibus & eorum Organis. 67. 2059.

Local Motion; the Laws of it, Englished out of French. 65. 2010.

Joh. Rau Catalogus Plant. Angliae & Insulæ adiac. 63. 2058.

Fran. Redi Experienze intorno alla Generazione dell' Infetti. 57. 1175. Et Sopra alcuni oppositioni fatte alla sua dissertatione intorno alle vipere. 66. 2436.

Mic. Semifallus è Soc. Jes. de anno, mense, & die Christi nati, baptisiati, & mortui. 60. 1085.

Rob. Sheringham Cantab. de Anglorum Gentis Origine Disceptatio. 62. 2032.

Joh. Swammerdani Historia Generalis Insectorum pars prima. 64. 2078.

William Sympson M. i. his vindication of Hydrologia Chymica. 62. 2032.

Mr. Tenuſons Examination of Mr. Hob's Creed. 64. 2080.

Fran. Travagini, Gyri diurni indicium, à Terræ motibus, ac potissimum Ragusianis sug- gestum. 60. 1084.

Joh. Wallifi Mechanica de Motu, Centro gravitatis, & ejus calculo, pars 2a 61. 2005.

Joh. Webster Metallographia. 66. 2030.

Fr. Wilhelmi Elementa Physica, sive Nova Philosophia principia. 65. 2007.

Tho. Will's Affectionum quæ dicuntur Hysterice & Hypochondriacæ, Pathologia Spasmatica, Vindicata à Resp. Drs. Highmori; & de Sanguinis Accensione, & de Motu Muscu- laxi. 57. 1178.

Joh. Zwelferi Pharmaco-pœia Regia cum variis additamentis. 57. 1176.

Cold. The Progress of Artificial Conglaci- ation, accurately obſerv'd. 66. 2020.

D. The Art of teaching Deaf and Dumb persons to speak, write, and understand a lan- guage, performed by Dr Willis. 61. 1087.

E. Electricity consider'd. 67. 2059.

F. A Strange Fish sent from New England, deſcribed, and with a Cut, Pilis Echino- stellaris Visciformis. 57. 1153. or stella Arbo- rēcens Rondeletii 58. 1200.

I. An Inſect yielding an Acid Juyce, and there- by changing blew Flowers into red. The Spirit of this Inſect, powred on Lead, maketh a good Siccharum Saturni, &c. 68. p. 2064, 2065.

L. Concerning a way of Prolongation of Hu- mane Life. 58. 1179.

M. Light, whether a Body. 67. 2058.

The Magnetical Declination found at Rome Anno 1670. 58. 1184. Mines make no Im- preſſion at all on the Needle, Ibid. The Diffi- culty of finding the cause of the variation re- preſented, with directions, and a request from the R. S. that Meridians be made and examin- ed accurately in ſeveral places. 58. 1185 &c. Observations of the late Variations of the Needle at Dantzick by M. Hevelius 64. 2059. Perhaps by ſome changes in the Rotation of the Earth reſembl'd to the Librature of the Moon. Ibid.

Mercurial Experiment considered. 67. 2059.

Meteors: Halo s. Parelia's or Mockſuns, and their causes, demonstrated in Schemes. 60. 1065. Very ſtrange effects of a Thunderclap at Stralsund in Pomerania June 19. 1670. 65. 2084.

Mines and Minerals in Hungary, Transilva- nia, Austria, and other Neighbouring Coun- tries, &c. By Dr. Edward Brown. 58. 1189. and 59. 1042. An Accompot of the Sal-Sem. Mines in Poland, 200 fathoms deep. 61. 1099. A Rock of Natural Salt lately discover'd in Cheshire. 66. 2015.

Money. The Indians white Wampampeage, the Matrices in which thoſe ſhells are bread, ſent from New England. 57. 1152.

The Monſtrous Birth of a double Child at Plymouth, and the Anatomy of it by Dr. Dur- ton. 65. 2056. A Conealed liquor found in the Pericardium or about the heart. 58. 1184. See Anatomy.

I N D E X.

Motion: Many things discuss'd about it by Hon. Fabri; who particularly examines the Rules of Motion deliver'd by M. Hugens; who also denieth, that a Body Horizontally projected comes at the same time to the ground with another fallen down perpendicularly: and who considers likewise the Principle of the Motion of Restitution.

P.

Bigge Oysters and Cockle shells *P. trifid* on the Rocks in the remote parts of France. 5. 183.

R

An Unusual Refraction discover'd by Erasm. Bartholin in a Chrytal-like Body to be found in island; where occur many considerable Observations, Experiments, and Reflexions. 57. 2039.

Respiration examined by M. Boyle in Machina Boyliana N. 62. and N. 63. How long Ducks last in Machina. 62. 2011. The Phœnomena afforded by Vipers, Frogs, and Kittlings. p. 2013, &c. Tryals about Air harboured in the pores of water. 2019. Shell fishes and Scale-fishes. 2023. A Bird and Frog both wounded in the Abdomen, tryed 2026. The Motion of the separated heart of a Cold Animal, tryed. 2027. The comparison of the times wherein an Animal may be killed by Drowning, or by withdrawing the Air, tryed in a Greenfinch, a Sparrow, and a Mouse. 2028. &c. That water Fowle, (at least Ducks) can live longer under Water than Land-birds. 2029. Tryals of a Viper in Machina, and afterwards under water, and some reasons render'd, why the longer surviving in Machina, does not sufficiently prove, that Suffocation does not kill Animals faster than the deprivation of Air 2031.

Tryals made in reference to those Diseases and Distempers, which are thought principally to affect the respiratory Organs N. 63. p. 2036. By a Linnet, a Lark, a Greenfinch, a Viper. 2037. A Digrressive Experiment concerning respiration upon very high mountains. 2038. Observations on an Animal in changes of rarity and density 2039. An unsuccessful attempt to prevent respiration by the production or growth of Animals in Machina 2040. A Digrressive Experiment concerning the Expansion of Blood and other Animal juices. 2043. Of the power of Asspiration to enable Animals to hold out in Air by Rarefaction made unfit for Respiration. 2045.

Reasons why these last Tryals are to be reiterated for fuller satisfaction; and that Air

unfit for Respiration may retain its wonted pressure. 2046. How necessary Air is to elevate the steams of Bodies. 2048. Tryals made of two sorts of white Snails, without shells, on anift, and a Leech. 2049. &c. What hapned to Reptiles, as Caterpillars, in Machina. 2051. Winged Insects, ordinary Flies, Flesh-flies, with their heads cut off, and otherwise Grasshoppers, Shining Beetles, Butterflies, tryed 2052. &c. Ants, Mites, and smallst Insects tryed; and of the necessity of Air to the motion of such small Creatures. 2054.

S.

A Rock of Natural Salt discover'd in Cheshire. 66. 2015.

The Salubrity of an unwholesome place how to be recovered. 66. 2017.

Seas; their Flux and Reflux consider'd by Mr. Childrey. 64. 2061; answered by Dr. Willis 2068. See Additionals. 66. 2038.

A way of making Sea-water sweet. 67. 2048. 2050.

Spiders, The manner how they project their threads. 65. 2013. and 2014. Fit to be added to the like observation. N. 50.

Springs, The Palpable Indications of some healing Springs, and an Essay to detect the causes of some peculiarities in Springs. 57. 1154. Mineral Springs re-examined by Dr. Witty. 60. 1074.

Admirable Stone-quarry about Mastrich. 67. 2051.

V.

Vegetables, Dwarf Oaks having Acorns in New-England. 57. 1151. The Bark of a Tree growing in Nova Scotia, bearing knobs which contain a Sanative Liquor like Turpentine. 57. 1157. Pod, of Silk-Grafs from New England described, and its use 57. 1152. A Branch of the Cotton-tree from N. Eng. Ibid. Observations, Directions, and Enquiries concerning the motion of Sap in Trees. 57. 1155. and 58. 1198. See also in N. 68. many particulars on this subject, in reference to Sycamores and Winter Bleedings of some Trees.

Vinegar, how made in France. 61. 2002.

Oil of Vision: The Principal Organ examin'd by M. Mariotte. 59. 1023.

W.

A practice to make a good Muskadell Wine by the Mark or husk of the Grape. 58. 1183.

Wood found good store under ground in Lancashire. 67. 2050.